

**SPS D-1 Baseline Anomaly Report/Workaround Summary  
As of November 8, 2006**

AR No.	OE Criticality	Affected Assembl	Impacted User Group	Description	Workaround	Workaround Validation Status	
113923	C4	UIP (V1.0.4)	Project & NOCC Operations	When attempting to view SPS Support Product Packages the browser instantly crashes and I loose everything. Click "Access SPS Products" - -> by DSN Sites --> Goldstone --> click open any package and flash the browser disappears.	(1) Download the SDP and view with any editor (2) Download the SDP and view with Support Product Viewer (SPV) (3) Use an updated version of web-browser (Local SA has been contacted to install updated web-browser)		
114038, 114069, 114103, 113997	C2	TIGRAS 2 (V1.0.4)	DSN and Project schedulers	The failure scenario is as follows: • When MDAPT submits bulk change requests the via File Uploader in the C1/C2 format, an unofficial validator tool shows no errors, but inconsistencies can still exist within the content of the bulk change. • When the bulk change is received and visible within Tigras, the bulk change is viewed as a "grouped" item. ==> The end result is that should the bulk change request err out, the entire change needs to be denied, yet no visibility is given into which exact items are in error. Without proper tools or adequate time, this scenario could result in considerable delays with	N/A in AAMS	An interim workaround process between MDAPT and DSN Sched was agreed to provide processing of bulk changes in C1/C2 format via the File Uploader. The agreed scenario applies to MDAPT users of the File Uploader, as this condition does not exist within Tigras generated change requests. The procedure was documented for all Requestors.	
114049	C2	TIGRAS 2 (V1.0.4)	DSN and Project schedulers	Tigras import of array items from 7-day schedule format input returns error <u>Effects</u> : Array character "B" through "Z" cannot be saved. Importing schedule items from 7-Day schedule format yields error. The error indicates that array group number is different between the original data and the schedule items that were submitted for change.	Do not use special character to identify arraying. SPS default it to 'A'.		
114099	C2	TIGRAS 2 (V1.0.5)	DSN and Project schedulers	Conflict checking in Tigras non-operational (same as AR 114105) <u>Effects</u> : Cannot perform conflict checking. Equipment and time conflicts do not appear under the XFLCT column heading as expected, and conflict reports generated with Tigras do not indicate conflicts.	There are 2 options before the next release: 1) Remove 0-quantity equipment from XML 2) Temporarily use TableIn.scs..		
114114	C2	TIGRAS 2 (V1.0.5)	DSN and Project schedulers	Tigras cannot create a new track from 0600 to 1935 <u>Effects</u> : Cannot create a new track from 0600 to 1935	Create a new track from 0600 to 1934. Then change EOA to 1935.		
114137	C3	TIGRAS 2 (V1.0.5)	DSN and Project schedulers	Loading VP data into Tigras File Access module excessively slow <u>Effects</u> : Takes a long time to load VP in a file mode. Loading VP data from the SPS portal in this module can take between 3-10 minutes per mission depending on the number of VP files available.	Don't use file mode. Please connect to JPL-Dragon for VP data.		
114143	C3	DRAGO N2 (V1.0.5)	DSN and Project schedulers	SPS "Content: Validator (C1/C2) <u>Effects</u> : Users receive "Invalid Parameter Length" message. This was due to extra spaces after the config code in a "C2" line.	It includes message about the error. Users can still use that info to correct the error in the form.		

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114189	C2	DRAGON2 (V1.0.5)	DSN and Project schedulers	The timeout time to submit change request is using default 30 seconds in Dragon. This timeout time is too short for some change request submissions. <u>Effects:</u> Users will be misled to think the change request did not go through.	Submission may still go through after timeout on the client side.	One possible workaround is the following: 1. Work on one change request group at a time 2. Save the schedule after approval or denial 3. If timeout happens, wait for a few minutes and reload the schedule. YeouFang	
114196	C2	SPS (V1.0.5)	Project Sequencing	The problem is that when we do DKF merging, the last record from previous DKF was not override and so when EOT is the last record, you got duplicate EOT entries and that causes the ISOE Generation failed.	Make sure the BOA and EOA SPEC ADVISORIES are specified. Note: This anomaly is a subtle issue having to do with DKF merging. If the keyword SPEC ADVISORY [END POST-CAL] is at the end of the pass. There will not be an issue If this is left out - it is possible that a previously submitted DKF record can be used in the resultant SOE. We saw this occur with ULYS - in which the SOE ended up having two EOTs and slight different times.	Train project users in how the SPS merging works to be able to avoid the situation. Unless the DKF is to be edited by DSN SPA, this will result in incomplete SDP generation. Otherwise, the contingency nominal SOE must be utilized to generate alternate support products.	
114199	C3	TIGRAS 2 (V1.0.5)	DSN and Project schedulers	Some schedule items are routinely established for long periods of time (Station repair, etc). When deleting such items using Tigras, and exporting the changes in C1/C2 format, the conversion to XML fails validation due to failed EOT lookup.  Test can be replicated by deleting all DSS-16 activities in a schedule week, exporting the changes to C1/C2 format, and uploading the SCR using UFU.  <u>Effects:</u> No 0000 to 0000 tracks can be submitted for changes	Use Tigras and export changes in XML format. This works well.	This anomaly was detailed in the SPS daily telecon. The outcome of AR 114199 is understood as we cannot have any scheduled activity for a duration longer than 23hours and 59 minutes. This is only an issue with SPS Tigras. . We have reviewed this within RAP Sched, DSN Sched as well as the Ground Based Scientific Observation users. All are aware of this upcoming change and do not see any issue with this. Yet, we still would like this to be fixed in the NEXT delivery.	
114205	C3	SDM (V1.0.5)	Project Navigation	Trajectory files with DOS CR formatting (^M) will fail to transform. Error in SDM Log monitor will indicate that tranformation to internally used format has failed.	When uploading files from DOS filesystem, use DOS-to-Unix utility to remove CR from CR/LF prior to submission.	ESOC originally used a DOS-formatted file but were able to easily fix the problem on their side and convert to UNIX format. No other users have this problem and it is an easy fix for them if it is discovered.	
114211	C3	UIP (V1.0.5)	SPA Project Navigation	Trajectory input submitted with fidelity grade "Scheduling" are being saved as "Predict" grade ephemeris. As a result, VPGen is not using the scheduling grade ephemeris.	This was corrected via ETUF and procedural (see 114226). 1. Submit Scheduling grade ephemerides using UFU. 2. After submission using FM, Scheduling grade can be selected and metadata will be successfully saved.		

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114218	C3	UIP (V1.0.5)	Project Navigation	Cassini project noted that there is no "Description" in the EphemerisUsageScenario "NoBurn" case; there is a "Description" field in the "Burn" case, and for the overall submission, but not for the NoBurn case.	Cassini project can use the overall "Description" field in the metadata to convey the information, but would like to see a field for the inclusion of "Description" data in the EphemerisUsageScenario "NoBurn" case.	I suggested this workaround in the first place, and the Cassini team has implemented it in their procedures. Status = Go.	
114226	Not Assigned	SDM (SQL Store)	SPA	VPGEN can not utilize p-files due to error in filemanager. Failure Description: When generating viewperiods, I would get inputs missing errors. I have discover that there is/are p-files that cover the view run time. I drag the p-file out and put it back in, then VPGEN will raconize the input.	Viewperiod generation error due to file manager incorrectly flagging jobs as predicts grade and not specifying a planetary. The workaround is a procedural and ETUF script to allow for movement of ephem files between environments. After submission using FM, Scheduling grade can be selected and metadata will be successsfully saved. This can be run periodically to move ephem files to PAG. Additionally, NAV will upload to OPS only.		
114230	Not Assigned	TIGRAS 2 (V1.0.6)	DSN and Project schedulers	RTSched does not work with SPS. RTSched does not work with the souce selection pointing to SPS. <u>Effects:</u> Cannot use SPS RTSched to view real-time schedule.	Do not use SPS RTSched for SPS.		